Bruhat Bangalore Mahanagara Palike

Name of Work:Modified Estimate for Fencing to BBMP Properties (other than Gardens Parks) ward no.08

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
3	KSR 7.2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc. either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	512.42	414.10	Rupees Four Hundred Fourteen And Paise Ten Only
7	KSRB MB(6).14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No 301	Cum	2670.32	67.13	Rupees Sixty Seven And Paise Thirteen Only
8	KSRB M(10).10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibrator including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	98.72	5692.45	Rupees Five Thousand Six Hundred Ninety Two And Paise Forty Five Only
4	KSRB 5.2 : Providing and constructing granite / trap / basalt sizestone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.KSRB 5.2.8 : - do - cement mortar 1:4 KBS 5.3.15	Cum	461.34	5114.86	Rupees Five Thousand One Hundred Fourteen And Paise Eighty Six Only

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5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	46.86	6034.11	Rupees Six Thousand Thirty Four And Paise Eleven Only
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	8.03	6297.87	Rupees Six Thousand Two Hundred Ninety Seven And Paise Eighty Seven Only
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3- do - TMT bars Fe [illegible]	Tn	0.80	78977.64	Rupees Seventy Eight Thousand Nine Hundred Seventy Seven And Paise Sixty Four Only
8	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4- do - with solid concrete blocks of size 400x150x200mm	Sqm	210.00	1028.31	Rupees One Thousand Twenty Eight And Paise Thirty One Only

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	Above 125%	Sqm	49.99	1028.31	Rupees One Thousand Twenty Eight And Paise Thirty One Only
9	KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.5 : – do – cement mortar 1:4	Sqm	443.98	245.95	Rupees Two Hundred Forty Five And Paise Ninety Five Only
10	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.-do- with primer	Sqm	460.60	100.16	Rupees One Hundred And Paise Sixteen Only
11	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305	Cum	1250.61	361.69	Rupees Three Hundred Sixty One And Paise Sixty Nine Only
12	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials, labour, HOM complete as per specifications.	m	1109.50	955.98	Rupees Nine Hundred Fifty Five And Paise Ninety Eight Only

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13	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	2090.10	795.72	Rupees Seven Hundred Ninety Five And Paise Seventy Two Only
14	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	m	3375.00	454.06	Rupees Four Hundred Fifty Four And Paise Six Only
	Above 125%	m	315.63	454.06	Rupees Four Hundred Fifty Four And Paise Six Only
15	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	0.00	3352.04	Rupees Three Thousand Three Hundred Fifty Two And Paise Four Only
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61	providing, providing and erecting in position (as per galvanised bolts Using ½ x ½ x 6mm thick MS Angle Frame with Top plan bending in heavy duty hydraulic press with steel packing and tub bending to form Arcade arch as per drawing profile, 25mm bar as galvanised as rod as spirals at 150mm c/c, as shown in the drawing including providing bar as galvanised forged ornamental design in between as rod and leads at top, middle and bottom intermediate supports of 75X12 mm and 6mm thick bend to bar as galvanised flats. The work is inclusive of foroughing to bar to as rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like G sq. pipe, G sq. rods, G forged designs etc., heavy duty hinges are made out of 75mm wide sq. block assembled with 20mm dia bearing in three places for each flap. Heavy Duty Locking arrangements at two places including cost of labour, painting, erecting charges using hand pulley cranes with at least and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)	kgm	33.56	13991.50	Rupees Thirteen Thousand Ninety Seven And Paise Fifty Only

Executive Engineer,
Yelahanka Division,
BBMP Bangalore

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